

Title (en)
MODULAR INTRAOCULAR LENS DESIGNS

Title (de)
ENTWÜRFE FÜR MODULARE INTRAOKULARLINSE

Title (fr)
CONCEPTIONS DE LENTILLE INTRAOCULAIRE MODULAIRE

Publication
EP 3250152 A1 20171206 (EN)

Application
EP 15828613 A 20151221

Priority
• US 201562110241 P 20150130
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• US 2015067035 W 20151221

Abstract (en)
[origin: WO2016122805A1] Modular IOL systems including a base (55) and a lens (65), wherein the lens includes fixed (95) and actuatable tabs (96) for connection to the base. The modular IOL allows for the lens to be adjusted or exchanged while leaving the base in place, either intra-operatively or postoperatively. Drug delivery capabilities and/or sensing capabilities may be incorporated into the base. Injector devices may be used to facilitate placement of the base and the lens sequentially or simultaneously into the eye.

IPC 8 full level
A61F 2/16 (2006.01)

CPC (source: EP US)
A61F 2/16 (2013.01 - EP US); **A61F 2/1613** (2013.01 - US); **A61F 2/1648** (2013.01 - EP US); **A61F 2/167** (2013.01 - EP); **A61F 2/1678** (2013.01 - EP); **A61F 2/1664** (2013.01 - US); **A61F 2/167** (2013.01 - US); **A61F 2/1672** (2013.01 - US); **A61F 2/1678** (2013.01 - US); **A61F 2002/1681** (2013.01 - EP US); **A61F 2002/1689** (2013.01 - US); **A61F 2002/169** (2015.04 - US); **A61F 2002/16902** (2015.04 - US); **A61F 2002/16905** (2015.04 - US); **A61F 2220/0033** (2013.01 - EP US); **A61F 2250/006** (2013.01 - EP US); **A61F 2250/0067** (2013.01 - EP US); **A61F 2310/0097** (2013.01 - EP US)

Citation (examination)
• WO 9629956 A1 19961003 - ANIS AZIZ YEHIA [US]
• EP 2332501 A1 20110615 - HOYA CORP [JP]
• EP 2491902 A1 20120829 - MENICON CO LTD [JP]
• US 2007052923 A1 20070308 - AYYAGARI MADHU [US], et al
• See also references of WO 2016122805A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DOCDB simple family (publication)
WO 2016122805 A1 20160804; AU 2015380300 A1 20170817; AU 2015380300 B2 20200102; AU 2020202323 A1 20200423; AU 2020202323 B2 20220120; AU 2022202596 A1 20220512; AU 2022202596 B2 20240509; AU 2024205627 A1 20240829; CA 2974639 A1 20160804; CA 3239477 A1 20160804; EP 3250152 A1 20171206; JP 2018503457 A 20180208; JP 2021020113 A 20210218; JP 2022081578 A 20220531; JP 7002331 B2 20220120; US 11406491 B2 20220809; US 2018161153 A1 20180614; US 2022331094 A1 20221020

DOCDB simple family (application)
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